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CENTRAL INTELLIGENCE AGENCY INFORMATION FROM FOREIGN DOCUMENTS OR RADIO BROADCASTS

REPORT CD NO.

DATE DIST. /2Apr 1951

1951

50X1-HUM

COUNTRY

Rumania

DATE OF

INFORMATION

SUBJECT

**PUBLISHED** 

Economic - Agriculture, sowing periods

HOW

Daily newspaper

WHERE

**PUBLISHED**1

Bucharest

NO. OF PAGES 4

DATE

PUBLISHED LANGUAGE

18 Feb 1951

SUPPLEMENT TO

REPORT

50X1-HUM

Rumanian

THIS IS UNEVALUATED INFORMATION

SOURCE

Scanteia.

### RUMANIA ESTABLISHES ZONE AND SOWING PERIODS FOR SPRING 1951

The Minister of Agriculture -- in agreement of the Agronomic Research Institute of the Rumanian People's Republic -- on the basis of the experiments at the State Agricultural Stations, and of the data of the Central Meteorological Institute, has drawn up the Map of Natural Sowing Zones [appended] and has established the optimum sowing periods for each separate zone and the order of planting the crops.

There are three sowing periods. The first period has two priorities: Priority 1 which is to be done at the first appearance of spring; and Priority 2 which is to be done as indicated.

## First Sowing Period -- Priority 1

Zone 1 -- Spring wheat, barley, poppy, pens, wetch, mustard, rapeseed, oats, lucerne, and clover.

Zone 2 -- Spring wheat, barley, poppy, peas, soinfoin, vetch, mustard, rapeseed, oats, lucerne, and clover.

Zone 3 -- Spring wheat, barley, poppy, peas, vetch, rapeseed, oats, lucerne, and clover.

Zone 4 -- Spring wheat, barley, poppy, peas, vetch, mustard, rapeseed, oats, lucerne, and clover.

Zone 5 -- Spring wheat, barley, poppy, vetch, mustard, oats, and clover.

Zone 6 -- Spring wheat, barley, vetch, oats, and clover.

### First Sowing Period -- Priority 2

Zone 1 -- Between 10 March and 1 April: sunflower, flax, hemp, sugarbeets, and potatoes.

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- Zone 2 -- Between 15 March and 1 April: sunflower, flax, lentils, hemp, sugarbeets, and potatoes.
- Zone 3 -- Between 15 March and 15 April: sunflower, flax, lentils, hemp, sugarbeets, and potatoes.
- Zone 4 -- Between 20 March and 10 April: sunflower, flax, lentils, hemp, sugarbeets, and potatoes.
- Zone 5 -- Between 25 March and 15 April: sunflower, flax, hemp, sugarbeets, and potatoes.
- Zone 6 -- Between 10 April and 1 May: sunflower, flax, hemp, potatoes, and corn.

### Second Sowing Period

- Zone 1 -- Between 1 and 30 April: corn, beans, soybeans, foxtail millet, and sorghum.
- Zone 2 -- Between 1 and 25 April: corn, beans, soybeans, proso, sorghum, Sudan grass, and castor oil.
- Zone 3 -- Between 15 April and 1 May: corn, beans, soybeans, proso, foxtail millet, and sorghum.
- Zone 4 -- Between 10 April and 1 May: corn, beans, soybeans, proso, foxtail millet, and sorghum.
- Zone 5 -- Between 15 April and 5 May: corn, beans, soybeans, proso, foxtail millet, and sorghum.
  - Zone 6 -- Between 1 May and 20 May: beans, soybeans, pumpkins, and buckwheat.

### Third Sowing Period

- Zone 1 -- Between 1 May and 10 May: melons, pumpkins, rice, and cotton,
- Zone 2 -- Between 25 April and 10 May: melons, pumpkins, rice, and cotton.
- Zone 3 -- Between 1 May and 10 May: melons and pumpkins.
- Zone 4 -- Between 1 May and 10 May: melons, pumpkins, and rice.

### General Observations

- 1. Priority 1 of the First Sowing Period is determined by the appearance of spring, which may be earlier or later. Priority 1 begins on the first good workday, which is announced by telephone to the Minister. If spring is late, Priority 2 and Priority 1 may overlap; that is, the crops of Priority 1 will be planted at the time scheduled for those of Priority 2. The crops of Priority 2 will be planted immediately after those of Priority 1. Crops of Priority 2 need a soil temperature of 2 to 4 degrees centigrade.
- 2. The planting of corn in the Second Sowing Period is determined by the soil temperature, which must be 8 degrees centigrade for 4 or 5 days before planting.
- 3. In the Third Sowing Period, the soil temperatures must be 12 to 14 degrees centigrade for cotton and rice, and the water temperature 12 degrees centigrade for rice. In no case should cotton or rice be planted before 20 April, even if the soil and water temperatures are higher.

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The execution of the planting at the proper periods and under the best conditions guarantees the fulfillment and overfulfillment of the agricultural production plan. The Executive Committees of the People's Councils and the agricultural specialists must explain the work thoroughly and incessantly to the working peasants so that the fixed planting periods may be followed.

The party committees of the regions and rayons are responsible for supervising the observance of the planting periods, because the time when the sowing is done is an important factor in obtaining an abundant harvest.

Appended map follows:7

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